Proteolytic Enzymes and Their Inhibitors
Title of Conference

Plymouth State College - South
Host School (Site)

Aaron Janoff Chairman — Elliott N. Shaw Vice Chairman

June 18, 1984
Date

T. Inagami Discussion Leader	"Sequence of renin" Title of Presentation
T. Blundell Speaker	"Three-dimensional structure of aspartyl proteinases" Title of Presentation
M.N.G. James Speaker	"Aspartic proteinase binding of proteinase inhibitors: towards a catalytic mechanism" Title of Presentation
D. Rich Speaker	"Synthetic and mechanistic studies of tight-binding enzyme inhibitors" Title of Presentation
L. Polgar Discussion Leader	"Mechanistic differences between serine and thiol proteinases" Title of Presentation
R. Abeles Speaker	"Enzyme-activated synthetic inhibitors of proteases" Title of Presentation
E. Shaw Speaker	"New types of synthetic inhibitors for thiol proteases" Title of Presentation
M. Zimmerman Speaker	"Approaches to the design of irreversible inhibitors of leukocyte elastase" Title of Presentation
J.C. Powers Speaker	"Mechanism-based inhibitors of leukocyte elastase and other serine proteases" Title of Presentation

June 19, 1984

P.C. Harpel Discussion Leader	"New approaches for quantifying plasma proteinase inhibitor-proteinase complexes" Title of Presentation

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R.D. Feinman Speaker	"Alpha 2-macroglobulin update" Title of Presentation
J.C. Travis Speaker	"Mechanism of action of the alpha 1-proteinase inhibitor class of plasma antiproteinases Title of Presentation
J. Bieth Speaker	"Regulation of proteolytic activity by protein proteinase inhibitors: theoretical and experimental findings" Title of Presentation
A. Barrett Discussion Leader	"Protein inhibitors of cysteine proteinases" Title of Presentation
M. Laskowski Speaker	"Relationship between amino acid sequence and inhibitory activity of proteinase inhibitors" Title of Presentation
D.D. Cunningham Speaker	"Protease nexins: cell-secreted proteins which mediate binding, uptake and degradation of serine proteases" Title of Presentation

June 20, 1983

C.M. Jackson Discussion Leader	"Recent Developments in The Field of Coagulation" Title of Presentation
A. Kaplan Speaker	"Initiation of Intrinsic Coagulation-Kinin Pathway in Man" Title of Presentation
J. Stenflo Speaker	"Protein C: A New Regulator of Clotting" Title of Presentation
M.K. Pangburn Speaker	"Unique Mechanisms of Protease Formation and Inhibition in the Alternative Pathway of Complement" Title of Presentation
S. Strickland Discussion Leader	"Role of Plasminogen Activator in Ovulation and Embryo Implantation" Title of Presentation
D. Collen Speaker	"Tissue-Type Plasminogen Activator: Biological and Thrombolytic Properties" Title of Presentation
L. Ossowski Speaker	"Role of Plasminogen Activator in Metastasis" Title of Presentation

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June 21, 1983

A. Janoff
Discussion Leader

T. Murachi
Speaker
"Calcium-Activated Thiol Proteinases"
Title of Presentation

J. Larner
Speaker
"Proteases as Secondary Messengers"
Title of Presentation

A. Hershko
Speaker
"The ATP-Ubiquitin Pathway of Intracellular Protein Catabolism"
Title of Presentation

P. Wolfe
Speaker
"Structure of Leader Peptidase from E. Coli"
Title of Presentation

E. Reich
Discussion Leader
"Hormonal Processing"
Title of Presentation

A.C. Palmenberg
Speaker
"Proteolytic Processing of Picornaviral Polyprotein"
Title of Presentation

J. McKelvy
Speaker
"Processing of Neuropeptides in the Central Nervous System"
Title of Presentation

D.F. Steiner
"Summarizing Commentator"

June 22, 1983

G. Long
Discussion Leader
"Recombinant DNA Techniques: Applications to Proteinase Biology"
Title of Presentation

S.L.C. Woo
Speaker
"Human Alpha 1-Proteinase Inhibitor Genes"
Title of Presentation

W.J. Rutter
Speaker
"Redesigning proteins: Site-directed in vitro mutagenesis of serine protease genes"
Title of Presentation

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